

IN THE ABSTRACT:

Please cancel the current abstract and insert the following.

~~A stage apparatus on which a laser interferometer is mounted includes a reticle stage (1) movable in three, X-, Y-, and Z-axes, laser heads (8a - 8d) each for generating a laser beam, interferometers (9a - 9d) each of which is mounted on the stage (1) and splits the laser beam into reference and measurement beams, bar mirrors (11a - 11c) each of which is arranged outside the stage (1) and reflects the measurement beam, and detectors (10a - 10c) each for detecting the interference beam of the reference and measurement beams.~~

(1) -- A stage apparatus includes a stage movable along at least one axis, a laser head for generating a laser beam, an optical unit which is mounted on the stage and splits the laser beam into reference and measurement beams, a mirror which is arranged outside the stage and reflects the measurement beam, and a detector which is arranged outside the stage and detects an interference beam of the reference and measurement beams. --